

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 201487/1160
INTERNATIONAL APPLICATION NO. PCT/JP04/005938		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/554308
INTERNATIONAL FILING DATE 23 April 2004 (23.04.2004)		PRIORITY DATE CLAIMED 24 April 2003 (24.04.2003)
TITLE OF INVENTION METHOD OF ACCUMULATING ALLERGEN-SPECIFIC T CELL ANTIGEN DETERMINANT IN PLANT AND PLANT HAVING THE ANTIGEN DETERMINANT ACCUMULATED THEREIN		
APPLICANT(S) FOR DO/EO/US TAKAIWA, Fumio and TAKAGI, Hidenori		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

JC06 Rec'd PCT/PTO 21 OCT 2005

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/554308		INTERNATIONAL APPLICATION NO. PCT/JP04/005938		ATTORNEY'S DOCKET NUMBER 201487/1160	
20. Other items or information: UNSIGNED Combined Declaration and Power of Attorney Verified Statement Re Sequence Listing Sequence Listing in Written Form (9 pages)					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))					
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0				\$ 200.00	
All other situations..... \$200					
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))					
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100				\$ 400.00	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400					
All other situations..... \$500					
TOTAL OF 21, 22 and 23 =				900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(d) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
64 - 100 =	-36 / 50 =		x \$250	\$ 0.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	39 - 20 =	19	x \$ 50	\$ 950.00	
Independent claims	4 - 3 =	1	x \$200	\$ 200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 2,180.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				0.00	
SUBTOTAL =				\$ 2,180.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ 0.00	
TOTAL NATIONAL FEE =				\$ 2,180.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 0.00	
TOTAL FEES ENCLOSED =				\$ 2,180.00	
				Amount to be refunded	\$
				Amount to be charged	\$

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$ 2,180.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1138. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Michael L. Goldman
Nixon Peabody LLP
Clinton Square
P. O. Box 31051
Rochester, NY 14603-1051
United States of America


SIGNATURE

Andrew K. Gonsalves
NAME

48,145
REGISTRATION NUMBER

10/554308

EXPRESS MAIL CERTIFICATE

DOCKET NO.: 201487/1160

APPLICANT(S): TAKAIWA et al.

TITLE: METHOD OF ACCUMULATING ALLERGEN-SPECIFIC T CELL ANTIGEN
DETERMINANT IN PLANT AND PLANT HAVING THE ANTIGEN DETERMINANT
ACCUMULATED THEREIN

Certificate is attached to the Transmittal Letter to the
U.S. Designated/Elected Office (DO/EO/US) of the above-named
application.


"EXPRESS MAIL" NUMBER: EV652971577US

DATE OF DEPOSIT: October 21, 2005

I hereby certify that this paper or fee is being
deposited with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 CFR 1.10 on the date
indicated above and is addressed to the Mail Stop: PCT, Commissioner
for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Shawn A. Lockett

(Typed or printed name of person
mailing paper or fee)



(Signature of person mailing paper or fee)

10/554308

JCO6 Rec'd PCT/PTO 21 OCT 2005

EXPRESS MAIL CERTIFICATE

DOCKET NO.: 201487/1160

APPLICANT(S): TAKAIWA et al.

TITLE: METHOD OF ACCUMULATING ALLERGEN-SPECIFIC T CELL ANTIGEN
DETERMINANT IN PLANT AND PLANT HAVING THE ANTIGEN DETERMINANT
ACCUMULATED THEREIN

Certificate is attached to the UNSIGNED Combined Declaration
and Power of Attorney of the above-named application.

"EXPRESS MAIL" NUMBER: EV652971577US

DATE OF DEPOSIT: October 21, 2005

I hereby certify that this paper or fee is being
deposited with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 CFR 1.10 on the date
indicated above and is addressed to the Mail Stop: PCT, Commissioner
for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Shawn A. Lockett

(Typed or printed name of person
mailing paper or fee)


(Signature of person mailing paper or fee)

10/554308
JC06 Rec'd PCT/PTO 21 OCT 2005

EXPRESS MAIL CERTIFICATE

DOCKET NO.: 201487/1160

APPLICANT(S): TAKAIWA et al.

TITLE: METHOD OF ACCUMULATING ALLERGEN-SPECIFIC T CELL ANTIGEN
DETERMINANT IN PLANT AND PLANT HAVING THE ANTIGEN DETERMINANT
ACCUMULATED THEREIN

Certificate is attached to the Preliminary Amendment (8
pages) for the above-named application.

"EXPRESS MAIL" NUMBER: EV652971577US

DATE OF DEPOSIT: October 21, 2005

I hereby certify that this paper or fee is being
deposited with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 CFR 1.10 on the date
indicated above and is addressed to the Mail Stop: PCT, Commissioner
for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Shawn A. Lockett
**(Typed or printed name of person
mailing paper or fee)**


(Signature of person mailing paper or fee)

EXPRESS MAIL CERTIFICATE

DOCKET NO.: 201487/1160

APPLICANT(S): TAKAIWA et al.

TITLE: METHOD OF ACCUMULATING ALLERGEN-SPECIFIC T CELL ANTIGEN
DETERMINANT IN PLANT AND PLANT HAVING THE ANTIGEN DETERMINANT
ACCUMULATED THEREIN

Certificate is attached to the Sequence Listing on Diskette,
in Written Form (9 pages), and Verified Statement re Sequence Listing
for the above-named application.

"EXPRESS MAIL" NUMBER: EV652971577US

DATE OF DEPOSIT: October 21, 2005

I hereby certify that this paper or fee is being
deposited with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 CFR 1.10 on the date
indicated above and is addressed to the Mail Stop: PCT, Commissioner
for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Shawn A. Lockett
(Typed or printed name of person
mailing paper or fee)


(Signature of person mailing paper or fee)

10/554308
JC06 Rec'd PCT/PTO 21 OCT 2005

EXPRESS MAIL CERTIFICATE

DOCKET NO.: 201487/1160

APPLICANT(S): TAKAIWA et al.

TITLE: METHOD OF ACCUMULATING ALLERGEN-SPECIFIC T CELL ANTIGEN
DETERMINANT IN PLANT AND PLANT HAVING THE ANTIGEN DETERMINANT
ACCUMULATED THEREIN

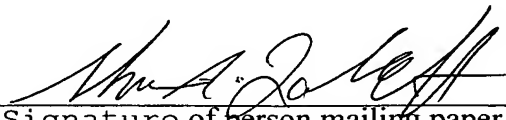
Certificate is attached to the English Translation of the
PCT application as filed (64 pages including drawings and sequence
listing) for the above-named application.

"EXPRESS MAIL" NUMBER: EV652971577US

DATE OF DEPOSIT: October 21, 2005

I hereby certify that this paper or fee is being
deposited with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 CFR 1.10 on the date
indicated above and is addressed to the Mail Stop: PCT, Commissioner
for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Shawn A. Lockett
**(Typed or printed name of person
mailing paper or fee)**


(Signature of person mailing paper or fee)